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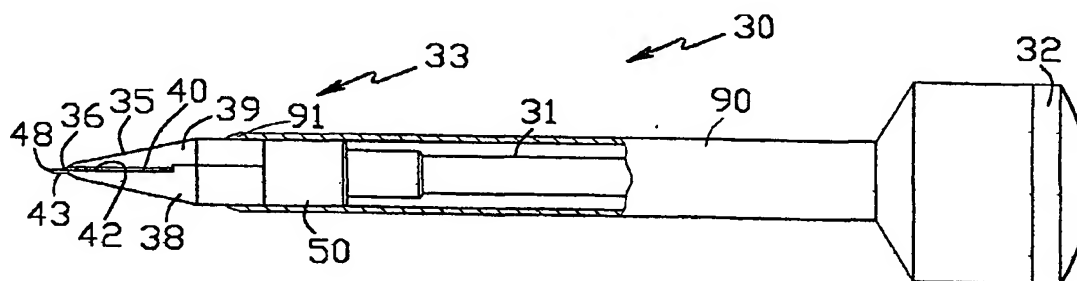
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(54) Title: SAFETY TROCAR OBTURATOR



(57) Abstract: A trocar obturator for minimal invasive surgery (see fig.34) comprising: an apex knife adapted to carrying out an initial incision in a body cavity wall and a knife protecting shield movable between retracted and extended-protecting positions during patient's tissue penetrating. There is a means for locking the shield in its protecting position after piercing a patient's skin. In version embodiment the lock means includes a control knob for shield unlocking, fully disposed in the penetrating head at distal obturator part. This lock means design allows its using along with the knife and shield as the constituents of detachable penetrating subassembly adapted for mounting on the obturator by a quickly acting connector. After piercing the patient's skin, the shield is transformed into a blunt penetrating tip forming a passageway in patient's soft tissue and in peritoneum by a safe manner.

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